

From owner-boatanchors@gnu.ai.mit.edu Mon Oct 3 21:08:09 1994
Date: 03 Oct 94 17:03:08 EDT
From: don merz <71333.144@compuserve.com>
Subject: BC-314, RBM, RS-6
Message-Id: <941003210308_71333.144_DHQ23-1@CompuServe.COM>

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228
412-234-8819.

LATEST ADDITIONS

These items are the latest additions to a lengthy list that is posted on CompuServe in HAMNET LIBRARY 10 under the file name RADIOS.TXT.

Military BC-314G receiver. This set covers 150khz to 1500khz. Its sister radio is the BC-344. It's in decent cosmetic shape though it has several surface rust spots. No modifications including original power connector. With shockmount. Untested. \$135

Military RBM-3 receiver. 1.5mhz to 18mhz ship-to-shore radio. Neat looking WWII Navy set. Name plate is a reproduction (laminated photocopy--the old Walt Hutchens trick). Otherwise complete and original. No shock mount. \$99
RBM-3 AC power supply. Designed for use with above radio. Name plates are reproductions. Works. Good cosmetically. No mods. \$89

RBM-3 dynamotor supply for 12 volts. Apparently brand new, but several fuse holder clips are missing. Otherwise near-mint. Untested. \$99

Military Mark 77 sight. This is either a bombsight or bridge sight, I'm not sure. It's marked "Navy Telescope" and has cross-hairs. Several filters and fine adjustments. Neat! \$149

Radio Staion RS-6. Issued to pilots flying over enemy lines and "spies" operating behind the lines, this is a little 4-part rig that cables together into a slick HF set. Transmitter has fold-out telegraph key. Each unit is about the size of a small cassette recorder. All four units included.

From owner-boatanchors@gnu.ai.mit.edu Mon Oct 3 00:53:26 1994
From: haynes@cats.ucsc.edu (Jim Haynes)
Date: Sun, 2 Oct 1994 20:49:31 -0700
Message-Id: <199410030349.UAA25043@hobbes.UCSC.EDU>
Subject: Book on BA Receivers

Since nobody has yet mentioned it...

The October issue of QST, page 74, has a favorable review of "Communications Receivers The Vacuum Tube Era: 1932-1981, 3rd edition by Raymond S. Moore, RSM Communications, PO Box 1046, Key Largo, FL 33037 125 pp \$19.95 + \$2.50 S&H in the US.

From owner-boatanchors@gnu.ai.mit.edu Mon Oct 3 19:12:14 1994
Date: Mon, 3 Oct 1994 14:20:29 PDT
From: Schroeder.Wbst207V@xerox.com
Subject: Info request - "Wireless Set No. 19 MARK II"
Message-Id: <"3-Oct-94 17:20:28".*.Schroeder.wbst207v@Xerox.com>

Boatanchorites,

This weekend I picked up a "Wireless Set No. 19 MARK II" (i.e. Tank Radio) in good condition. I am looking for conversion info and technical information. If anyone has success / horror stories relating to the Mark II, I would appreciate hearing them.

Thanks

Russ W2DYY

schroeder.wbst207v@xerox.com

From owner-boatanchors@gnu.ai.mit.edu Mon Oct 3 10:24:38 1994
Date: Mon, 3 Oct 94 09:21:01 EST
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>
Message-Id: <47310.morgan@speckle.ncsl.nist.gov>
Subject: Lucky Dogs/CALL FOR CENSURE

On Tue, 27 Sep 94 13:23:00 EDT,
Kearman, Jim, KR1S <jkearman@arrl.org> wrote:

>Fortunately for my car's suspension, I quit buying Johnson Valiants.
>I mean, at \$50 apiece, how many can you take?

This is TOO MUCH. OFF WITH HIS HEAD!

I just got back from western Mass. The weather was lovely. White, puffy clouds, nice rolling hills, a barn full of ancient treasures like LM frequency meters, the 4-element 6-meter beam, the home brew 1625 novice transmitter. (The Grande Junque Boxe at the homestead.)

And he now tells us about Valiants for \$50! I can't take it. I'm going into the cellar and stare at the Valiant and Hammerlund SP-600 I have. Maybe I'll light up the filaments. That'll make me feel better.

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov

From owner-boatanchors@gnu.ai.mit.edu Mon Oct 3 20:34:51 1994
From: Scott Turner <scott@hpislst.lvld.hp.com>
Message-Id: <9410031759.AA10443@hpislst.lvld.hp.com>
Subject: Manual for Drake MN2000?
Date: Mon, 3 Oct 94 11:59:40 MDT

Do any of you have a manual for the Drake MN2000 antenna tuner? I
picked up a mint MN2000 to complement my Drake station at a recent
swapfest. The tuner came complete with original packing and Drake dust
cover for a very reasonable price, but it was, unfortunately, sans
manual.

I'd ideally like to get the actual manual, but barring that a copy would
still help.

In the meantime, does anybody know the procedure to calibrate the
built-in meter? I'm currently having to use an outboard power meter,
and I'd like to get it out of the line.

Please help me reduce shack clutter!

Scott Turner KG0MR scott@hpisla.LVLD.HP.COM

From owner-boatanchors@gnu.ai.mit.edu Mon Oct 3 13:09:57 1994
Date: Mon, 3 Oct 1994 11:57:18 -0400 (EDT)
From: Stephen Modena <modena@calypso-2.oit.unc.edu>
Subject: NA4G's National Electrical Code for Hams
Message-Id: <Pine.SOL.3.90.941003115331.26773B-100000@calypso-2.oit.unc.edu>

[At the end this are instructions for retrieving the file via Internet.]

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%%
% Article by Robert D. Keys (NA4G) on the National Electrical Code as it %
% may apply to amateur radio stations. This is an interpretation based %
% upon the author's experiences, studies, and reading of the Code.      %
%%
% This article is copyright, 1994 by Robert D. Keys (NA4G).             %
% All rights reserved, worldwide.                                         %
% Public non-commercial distribution of this work is authorized.         %
%%

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% This article is typeset using the LaTeX Technical Typesetter. %
% REVISION OF 26 JAN, 1994 %
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ABSTRACT

This work was presented as a talk to the Homebrew Special Interest Group (HB-SIG) of the Raleigh Amateur Radio Society (RARS), on 15 January, 1991 and was revised for another presentation on 26 January, 1994.

This document contains excerpts of the National Electrical Code (NFPA 70-1990) that, in the author's opinion, apply to the installation of amateur radio equipment as would commonly be found in most amateur radio stations. Direct excerpts from the Code are contained within inset quotations. Paraphrased excerpts from the Code are itemized. The author's interpretation and discussion of the Code is set full-width. The author's interpretation and discussion of various sections of the Code is not meant to be all-encompassing, nor the official interpretation of the National Fire Protection Association, nor of any official governing body having legal authority of jurisdiction over electrical installations, but is meant to be used as a teaching tool for amateur radio operators.

Robert D. Keys, NA4G
 Raleigh, NC,
 25 September, 1994.

Enjoy
 73 DE NA4G
 Boatanchor Bob

```
*****
* 73 TU SU SK DE NA4G          ``Boat Anchor Bob'', an ol' CW fart. *
*****
* Morse has been in the family for over 100 years.                      *
* Morse radiotelegraphy (Spark/CW) has been in the family since 1914.  *
*****
* May you have fair winds and following seas on your watch at the key. *
*****
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[The *PostScript* files referred to in this 'readme' can be retrieved by anonymous ftp from two archive sites:

SunSITE.unc.edu (permanent)
/pub/academic/agriculture/agronomy/ham/things-to-build/na4g

ftp.Cybernetics.NET (temporary)
/pub/users/ab4el

For ease, the group of files have been 'rolled into one'...

nec-1994.tar.Z 861,677 bytes (for Unix jocks)
nec-1994.zip 732,309 bytes (using PKZIP 2.04g for MS-DOS users)

Download one or the other according to your computer/print facilities.

Don't forget to set 'binary' mode before 'get'...else they will
come to you as trash. :^)

de AB4EL]

-----Cut Here-----

From owner-boatanchors@gnu.ai.mit.edu Mon Oct 3 10:50:02 1994
Date: Mon, 3 Oct 1994 10:05:09 -0400
From: "Rhett T. George" <rtg@ee.duke.edu>
Message-Id: <199410031405.KAA26505@ee.ee.duke.edu>
Subject: SC6498A

- Greetings, Admirers & Collectors of BA's -

Re: 7" x 12" front panel & chassis

At the High Point, NC, Hamfest about two months ago, I acquired a front panel and chassis for a ?. The front panel is painted olive drab, crystallized finish on the outside and smooth on the inside. The panel is copper-plated steel and has been stripped of all removable parts except for two rubber-jacketed waterproof phone jacks in the left side of the recessed portion near the bottom. It measures 7" high x 12" wide and has 4 waterproof, riveted nuts along the bottom along with ears on either side about 4" up for clamping to a cabinet (?). The missing id plate was affixed to the top left, the top center has a half-moon cutout for a tuning (?) dial with 3 mounting holes in a triangular pattern and a hole for the tuning shaft. Top right has a space for a speaker with 4 mounting holes on a 3 3/8" dia. circle and 2 3/4" dia. circle full of holes for the grill. There is a red, stamped number - SC6498A - below the id plate position. The recessed portion near the bottom measures 2" high x 9" wide. In addition to the jacks, there are holes at the four corners of this portion for securing the chassis,

three 9/16" holes across the middle for controls, and a 25/32" hole on the right. Inside has a rubber gasket for sealing to the cabinet, a large, red, stamped 4, and smaller, black, stamped 43 (upside down), USN, and 6V on three lines. The part number (?) is 64C49780. The chassis is stripped of all but the front panel mounting pads and some of a dozen tube sockets which are loktal.

Two questions, please. Can someone identify this and does anyone want either or both for the cost of shipping?

Rhett - KE4HIH

From owner-boatanchors@gnu.ai.mit.edu Mon Oct 3 18:03:50 1994
Date: Mon, 3 Oct 1994 14:38:33 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Message-Id: <9410031838.AA316013@rs2>
Subject: Surplus Outlets

Some time ago I mentioned a surplus outlet in Melbourne (Astro Too). Well there is another in Orlando that is far better. It is called Skycraft. Very similar to Astro but with far more goodies than Astro. Prices are similar. They have a little of everything. Billions of power supplies, transformers, etc. I have been there twice and still haven't seen all they have. I'm sure some of you have much better outlets than either of these. You won't find any boatanchors here but lots of misc parts to repair them with.

73's Doug, N4IJ

dsnowden@ccd.harris.com

From owner-boatanchors@gnu.ai.mit.edu Mon Oct 3 11:35:01 1994
Date: Mon, 3 Oct 94 09:38:15 CDT
Message-Id: <9410031438.AA23094@unlinfo2.unl.edu>
From: djw@unlinfo.unl.edu (Daniel Wright)
Subject: Re: TR4c

>Dan,

>

>This rig has the unfailing ability to entrap it's
>owner in a long, destructive spiral of wanton boat anchor collecting
>which ends with the hapless soul lost to normal civilization, staring
>night after night into the faint glow of long-ago useless tubes.

Boy 'O BOY 'O BOY!!!!!! Don't I know THAT to be true!!!!!! 8-]
-DAN.....

*"boat anchor collecting" is God's way of telling you that you make too much money!!!

From owner-boatanchors@gnu.ai.mit.edu Mon Oct 3 22:09:12 1994
From: HP95@aol.com
Message-Id: <9410031828.tn239765@aol.com>
Date: Mon, 03 Oct 94 18:28:09 EDT
Subject: Updated Elect. Books,Parts,test

Updated Listing Elect. Books,Parts,Test Equipment
MIN ORDER 10.00 PLUS SHIPPING 10/94 Listing

.HP 419A DC Null Voltmeter as is \$35.00 add \$7 postage
sold new for \$900

A solid state unit with 18 ranges. Lowest range
, +- 3uV, allows resolution to .01uV. Accuracy
of +- 2%, Amplifier has a gain of 110 dB on
lowest range. Negative input terminal
can be floated +-500 VDC from power line ground.
Can also be used as a DC ammeter with +-30pA
,+- 30 nA coverage in seven zero centered ranges
Operated by 115 VAC or built in rechargeable batteries.
I have 6 of the HP419A's. I will include the schematic.
These units have all of the parts there except line cord.
I am retired now and don't want to do any more repair.
The batteries Nicads will need to be replaced.
I have never even trouble shot these units to see
what is wrong with them.

TEST EQUIPMENT

Ohmitron VT1 0-132V Autoformer 1.3A 5.00

qty CAPACITORS

200	.022	1600V Orange Drops	.50 ea
350	.033	1600V Orange Drops	.50 ea
300	.047	1200V Orange Drops	.60 ea.
100	.056	1500V (PC not 0 D)	.50 ea

Ceramics disc 50V

33pf, 68pf, .01uf, .033 or .1uf long leads	
.047uf (pc leads) above may be assorted	100/2.00
.0018 3kv ceramic disks	20/1.00
2200pf 50V Polystrene	100/2.00
220uf 25V Electrolytic radial	.25
Arco 462 5-80pf trimmers used compression	5/1.00
Arco 463 9-180pf trimmers used compression	5/1.00
Arco 464 25-280 pf trimmers used compression	5/1.00
Arco 468 140-680pf trimmers used compression	5/1.00
1 of the above + 1 other	5/1.00

Panel Meters

3 1/4 Honeywell marked 0-100, 500ua	5.00	
3 1/2 rect 100ua Modutec 3S series	5.00	
3 1/2 rect 1ma. Modutec 3S series	5.00	
2 edgewise NIB Calrad 60-181 stereo bal	2.00	
1 3/4 rect Calrad 60-169 NIB 50 0 50 ua	5.00	
2 rnd GE ant current DW 52 therocouple 0- 1.5A	3.00	
2 1/2 rnd Simpson 0- 200V DC	5.00	
2 1/2 rect GE 0-8 RF amp	5.00	
2 edgewise EMICO 0 - 50ma	4.00	
2 rnd CSC 0-15VDC	3.00	

Transformers

Variable XFMRs (Variacs etc.)

Qty

(2) 0 - 132 V at 1.3 A \$5.00 ea

Merit P2949 power NIB horiz

240-0-240 @ 50 ma. 6.3 @ 2A 5V @ 2A 15.00

Merit P3154 power NIB vert

275-0-275 @ 50 ma. 6.3 @ 2A 5V @ 2A 17.50

Stancor 6297 horiz used

240-0-240 @ 50ma 6.3 @ 2A 5V @ 2A 7.50

(20) Pix tube brightners some NIB 15.00

Transformers (used)

117 to 25.2 2A 2.50

117 to 25.2 1A 2.50

117 to 12.6 1A 2.00

117 to 115 @ 35VA with 6.3V @ 1A

and 26Vct @ 500ma 5.00

117 linecord adaptors AC to DC specify needs 2.50

Resistors 1/4W 5%

62,100,1000,15k,150k,1.5M specify value 100/1.00

Misc 1/4 and 1/2 watt of at least 6 different values 120/1.00

2 ohm 1 watt 5%

50/2.00

Brandes or Jaco dual 2000 ohm headphones 5.00 ea

4" or 5" speakers used 3 ohm 1.00

ea

2 1/4" 8 ohm used

2/1.00

Electrovoice DRIVER 1829 T 60W 16 ohm used 10.00

TV cheater receptacles (chassis mount 10/1.00

7/8" rubber feet screw on type 4/ .25

5/8" rubber feet screw on type 4/ .25

Metal or plastic spacers asst sizes 50 /1.00

Standoffs metal asst sizes	50	/1.00	
Battery holders specify needs used		.25ea	
EZ micro grabber test leads		.50ea	
Cherry Switch 4 gang 0-9 BCD	4.00		
Thumbwheel 3 gang 0-9 BCD	3.00		
Leviiton DPDT knofe switch 25A porcelain base	5.00		
Foot switches as used in tape recorders	.75	ea	
SPST toggle switches std size used		.50ea	
DPDT toggle switches std size used		.50ea	
Snap switches (micro type) used	5	/1.00	
Std or min slide switches SPST or SPDT	10	/1.00	
ROTARY SWITCHES N.S NEW			
5P2T PHENOLIC		1.00	
1P7T Ceramic		1.00	
2P5T Plastic 1/8" shaft		1.00	
6P2T Phenolic		1.00	
1P4T Daven 1/8" shaft		1.50	
1P3T Ceramic		1.00	
GRAB BAG NEW	6'	/1.00	
ROTARY SWITCHES N.S USED			
2P3T Ceramic		1.00	
1P 2-12 T CRL PA 2001 Ceramic	1;	00	
2P 2-6T CRL PA 2003 Ceramic		1.00	
ROTARY SWITCHES SHTG USED			
4P 2-6T CRL PA 2010 Ceramic		1.00	
LEVER ACTION SPR RET N.S			
4P 2T CRL 1457 NIB		1.50	
2P 3T New			1.50
4P 3T New			1.50
Panel mount fuse holders 3AG used	3	/1.00	
1/16A 8AG			10/1.00
1/32A 8AG			10/1.00
Indicating fuse holders panel 3AG used	3	/1.00	
Tip Jacks Red used			5/1.00
Tip Plugs Red or Black used State color	5	/1.00	
Bannana Plugs Red or Black used State color	5	/1.00	
Bannana Jacks Black used		5/1.00	
5 Way posts red,black,green,white used color ?	4	/1.00	
1N4003 Diodes 200V 1A new	30	/1.00	
LED red 5mm 1/2"leads new	30	/1.00	
Black Pointer knobs set screw 1 1/4" used	5	/1.00	
Cassette microphone Lo Z used		.75	
7/8" crystal mic/earphone		.75	
2" crystal mike cartridge			.50
Electret/condenser mike cartridge		.50	
3/4" crystal mike cartridge			.50
1" crystal mike cartridge			.50

1 7/8" low Z cartridge	.50
Lapel mike cartridge	.75
TV & FM rod ant	1.00
Mallory MGLLi6 Stereo L pad 16ohm 50 watt NIB	4.00
Clarostat Volt Reg TV-A NIB	1.00
PB 38-70015 Time Delay Relay NIB	3.00
Global Surfboard SB20 New Surface mount 20 pin New	4.00
9 volt battery connectors short leads approx 3 "	20/1.00
microphone connectors cord used	.25
Strain releifs bushing nylon for zip cord	6/1.00
Strain releif bushing nylon 16/2 18/2	6/1.00

The following items are Winegard new in box

(2) T-FM-3 FM trap 300 ohm	1.00 ea
(2) TC-28 UHF Tilt compensator	1.00 ea
(2) UT-2700 Variable UHF trap	2.50 ea
(2) FT-760 Variable FM trap	2.50 ea
(7) LT-1000 linetap	2.50 ea
(1) HP-2700 CB trap	1.00
(1) TR-316 TV Int rejection filter	1.00
(1) TR-3 713 Adj Hi band trap	2.50
(1) VTF-73A line tap	1.00
(1) HPF-54 Hi pass filter	1.00
(1) CPF-9 Single channel filter	1.00
(1) CC-7870 2 set coupler	1.00
(1) CA-7B Yagi ant coupler ch 7	1.00
(1) VTF-77 Var line tap	1.00
(1) L-483B UHF line amp	2.50
(1) L-213B VHF line amp	2.50
(1) BC-7820 Booster coupler	5.00
(1) GA-3700 Signal amp	5.00

Write with your needs for new tubes no (,6BQ5,EL84,EL34, 6CA7 5881,12AX7) also have used (tested,guaranted) used tubes no list available.

All American min tubes tested used 12BA6,12BE6,50C5 etc	1.00 ea
All American oct tubes tested used 12SA7,12SA7,50L6 etc	1.00 ea
6AU6,6CB6,6AL5,12AU7,6SN7 tested used	1.00 ea

Write with your needs for IC's transistors, zeners
list is not available.

Blank Printed circuit boards single/double sided specify needs

Text Books

\$ 5.00 ea 3 or more \$ 4.00 ea plus shipping

Electronic Fabrication Shimizu

Int Electronic Fabrication Markum
 An Intro to Opamps
 Understanding Digital Electronics TI
 Digital Principles and Applications 2nd Malvino
 Transistor Fundamentals and Servicing Larson
 Circuit Analysis O'Malley
 Electricity & Electronics Electron Flow Mottershead
 Elect, Electronics & Electromagnets Boylestad/
 Introductory Circuit Analysis inst guide 3rd Boylestad
 Electronic Principles Cox
 Industrial Electronics Driscoll
 Electronics Principles & applications Schuler
 Electronic Devices & Ckt Theory w inst 4th Boylestad
 Electronic Principles 3rd Malvino
 Electronics One-Seven Mileaf
 Basic Electronics 2nd Cirovic
 Electricity Electronics inst guide DeGuilmo
 Basic Electric Circuits Leach
 Electrical Circuit Action Veatch
 Principles of Electric Circuits Floyd
 Basic Electricity & Electronics Schuler/
 Electric Circuits Bogart
 Electricity and Electronics 4th Steinberg
 Intro to Electricity, Electronics conv ver Mottershead
 Modern Electronics w inst Veley
 Basic Electronics Carper
 Electric Circuit Analysis inst Bartowak
 Experiencing Electricity and Electronics Hazen
 Fundamental of Electric Circuits Oppenheimer
 Intro to Electronics 2nd Crozier
 DC AC The Basics Boylestad
 Modern Electronics Bruce
 Electronic Fundamentals Floyd
 Basic Electric Circuits 2nd Leach
 Linear Electronic Circuits w inst Cutler
 Dc Circuit Analysis w inst Cutler
 Electronics Technology Kaufman
 Electronic Fundamentals Floyd
 Introductory Circuit Analysis inst guide 3rd Boylestad
 Fundamentals of Electricity & Electronics Lackey
 Electronic Circuits & Systems Vol 5 CTI
 Basic Electronics Grob 4th Ed
 \$ 3.00 ea 2 or more \$ 2.00 ea plus shipping
 Microprocessors Vol 1 & 2 (softcover)
 Transistor Radio Servicing
 Optoelectronics Text-Lab
 Solid-State Devices Manual SC-16

HEATHKIT 3 RING BOOKS W/O COMPONENTS 7.00 ea
 IC Timers Semiconductor Devices
 Transistor Circuit Design Passive Circuit Design
 Optoelectronics
 Analog & Digital Meters AC Electronics
 Oscilloscopes Electronic Circuits
 Linear Circuits
 DC Electronics Digital Techniques
 Special Measuring Instruments Transistor Circuit Design

Text Books

\$ 5.00 ea 3 or more \$ 4.00 ea plus shipping
 Basic Math For Elect/Electronics Singer
 Math For Electronics Leach
 Basic Math For Electronics w inst guide Cooke
 Problems in Basic Electronics Schultz
 Intro To Number Systems, Boolean, Logic USN
 Number Systems, Logic, Boolean Bukstein
 Boolean For Computer Logic Ennes
 Boolean Algebra
 Intro Algebra w inst guide McHale
 Intro Algebra
 Intro Algebra 1
 Math Vol 1
 Math Vol 3
 Business Math For College Deitz
 Business Math For College Inst Ed 9th Deitz
 Technical Math
 Technical Math w inst manual Austin
 Business Math /30
 Elements OF Math
 Basic Math For General Ed 2nd Trimble

Physical Science

Sentence Skills 3rd Langan
 Writing For Technicians w inst guide 3rd Barnett
 An Intro to Basic w inst guide Coborn
 Basic 3rd Bent
 Intro to Basic Programming w inst guide Shelly/